

2217-883

6/30/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

James Kunstman  
PBI/Gordon Corporation  
P.O. Box 014090  
Kansas City, Missouri 64101

JUN 30 2014

Subject: Notification per PR Notice 98-10 –Addition of add claims, reorganizing label  
EH-1415 Weed and Feed  
Application Dated: April 18, 2014  
EPA Reg. No.: 2217-883  
Decision No.: 490919

Dear Dr. Kunstman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product.

The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please feel free to contact Shanta Adeeb at (703) 347-0502 or [adeeb.shanta@epa.gov](mailto:adeeb.shanta@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "K. Montague".

Kathryn Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number <b>2217- 883</b>	2. EPA Product Manager <b>Kathryn V. Montague</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>EH-1415 Weed and Feed</b>	PM# Product Manager—Team 23	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical to the composition and labeling to: EPA Reg. No. _____ Product Name <b>JUN 30 2014</b>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

**NOTIFICATION: Labeling notification per PRN 98-10: Notifications, Non-notifications and Minor Formulation Amendments.**  
 Section(s) II.N, IV.A, IV.C and IV.E. Please refer to the cover letter for details.

*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.*

e-mail to [jkunstman@pbigordon.com](mailto:jkunstman@pbigordon.com) FAX: 816-421-2731

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per Container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container <b>14-30 Pound Bags</b>	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>James L. Kunstman, Ph.D.</b>	Title <b>Director of Regulatory Services</b>	Telephone No. (Include Area Code) <b>816-460-6292</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature 	3. Title <b>Director of Regulatory Services</b>	
4. Typed Name <b>James L. Kunstman, Ph.D.</b>	5. Date <b>April 18, 2014</b>	



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# EH-1415 WEED & FEED

NOTIFICATION

JUN 30 2014

## EPA Reg. No. 2217-883

**ACTIVE INGREDIENTS:**

2,4-D, 2-ethylhexyl ester .....	1.153%
Mecoprop-p acid .....	0.174%
Dicamba acid .....	0.073%
Sulfentrazone .....	0.034%
<b>OTHER INGREDIENTS:</b> .....	<b>98.566%</b>
<b>TOTAL</b> .....	<b>100.000%</b>

**THIS PRODUCT CONTAINS:**

- 15.30 lb 2,4-dichlorophenoxyacetic acid equivalent per ton or 0.765%. CAS 1928-43-4.
- 3.48 lb (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton or 0.174%. CAS 16484-77-8.
- 1.46 lb 3,6-dichloro-o-anisic acid equivalent per ton or 0.073%. CAS 1918-00-9.
- 0.68 lb N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per ton or 0.034%. CAS 122836-35-5.

Isomer Specific by AOAC Methods

TRIMEC® is a registered trademark of PBI/Gordon Corporation.

[Note to reviewer: this was moved from the appendix]

<b>GUARANTEED ANALYSIS XX-X-X</b>	
Total Nitrogen (N) .....	XX%
x.x% ammoniacal nitrogen	
x.x% urea nitrogen*	
Available Phosphate (P2O5) .....	X%
Soluble Potash (K2O) .....	X%
Sulfur (S) .....	X%
x.x% free sulfur (S)	
Iron (Fe).....	X%
Derived from: polymer-coated sulfur-coated urea, urea, ammonium phosphate, potassium chloride.	
*A portion of the urea has been coated to provide x.x% coated slow-release nitrogen.	
This product and/or its manufacture is covered by one or more of the following U.S. patents and international counterparts thereof: US Patent Numbers: xxxxxx	

[Note: Fertilizer grades with nutrient contents expressed as the percentages of N, P2O5 and K2O may include the following: 23-3-7 or x-x-x. The fertilizer grade analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.]

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.**



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# PRECAUTIONARY STATEMENTS

## Hazards to Humans and Domestic Animals

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, shoes plus socks and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment information.	

## Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

## [Environmental Hazards (alternate per PRN 2008-1)]

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.]

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For Residential Use Only.

## PRECAUTIONS AND RESTRICTIONS:

- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled.

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- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**INSTRUCTIONS:**

EH-1415 Weed & Feed is a combination of four proven weed killers - 2,4-D, mecoprop-p, dicamba and sulfentrazone. This herbicide controls a wide range of lawn weeds, including dandelion, chickweed, knotweed, plantain, henbit, spurge and many others commonly found in home lawns. In addition, a x-x-x (grade percentage) fertilizer provides a supply of plant nutrients.

**USE PRECAUTIONS:**

Do not use on dichondra, carpetgrass, St. Augustinegrass, or turfgrass where desirable clovers are present.

Do not apply this product to newly seeded grasses until well-established or after the second or third mowing.

Do not use this product on flowers, vegetables, groundcovers, gardens or landscape plantings including shrubs and trees. Do not exceed specified dosage for any area.

This product will not prevent weed seeds from producing new plants.

Do not use this product on or near desirable plants, including within the drip line of the roots of desirable trees and shrubs, since injury may result.

Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. Apply this product directly to your lawn, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product run-off, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day.

**HOW MUCH TO APPLY:**

Apply 2.5 to 3.0 pounds of product per 1,000 square feet of turfgrass. A second application may be made in approximately 30 days.

Do not apply more than 3 pounds of product per 1000 square feet of turfgrass per application. If necessary, a second application may be made no sooner than 30 days after the first. Do not apply more than 6 pounds of product per 1000 square feet per year. [note to reviewer: the following information may be omitted from the final printed label: 3 pounds of this product contains 1.0 lb 2,4-D (ae), 0.23 lb mecoprop-p (ae), and 0.10 lb dicamba (ae).]

**WHEN TO APPLY:**

Apply when broadleaf weeds are actively growing in spring or early fall.

- Apply when the air is calm (Choose a calm day) to ensure uniform coverage and avoid spreading granules onto flowers, vegetables, and ornamental shrubbery.

Possible retreatment may be necessary if lawn is heavily overrun by weeds, if adverse low moisture conditions prevail, or if weeds are in a state of poor growth.

**WHAT TO EXPECT:**

1. Mow lawn to normal height 1 to 2 days before application.
2. Water lawn thoroughly at least 1 to 2 days before application to sustain moisture until the next watering (see step 5).
3. Apply when broadleaf weeds are young and actively growing, preferably in the morning when dew is on the grass. At the time of application, moisture on the weed leaves from dew, rainfall or irrigation/watering aids in control. If grass is not moist at time of application, sprinkle lightly with water.

- 4. Avoid applying when temperatures are consistently above 90°F.
- 5. Do not wash from weed leaves for 1 to 2 days after application. At this time, a thorough watering should be made.

**DISTRIBUTION AND SPREADER PATTERNS:**

Always apply with a properly calibrated rotary or drop type fertilizer spreader to distribute the granules evenly. Never apply by hand:

**Coverage** - To determine how much you need to apply, multiply the length of your lawn by its width. This equals your total square footage. Deduct all non-lawn areas (house, gardens, etc.). One bag covers up to XXX square feet.

**[Note to Supplemental Registrants:** Select the appropriate bag size and present only the information provided for that bag size on your product labeling. Also, equipment settings of drop spreaders, rotary spreaders, and other granular applicators may be presented on the container labels.]

Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.	Bag Size, Lbs.	Application Rate, Lbs./1,000 Sq.Ft.	Treated Area for This Bag Size, Sq.Ft.
14	2.5	5600	19	2.5	7600
	2.75	5100		2.75	6900
	3.0	4700		3.0	6300
15	2.5	6000	20	2.5	8000
	2.75	5450		2.75	7200
	3.0	5000		3.0	6700
16	2.5	6400	25	2.5	10000
	2.75	5800		2.75	9000
	3.0	5300		3.0	7500
17	2.5	6800	30	2.5	12000
	2.75	6200		2.75	11000
	3.0	5700		3.0	10000
18	2.5	7200			
	2.75	6500			
	3.0	6000			

**SINGLE PASS DISTRIBUTION:**

For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps.

- 1. For rotary spreaders, operate at intervals corresponding to the swath width. For drop spreaders, overlap the wheel tracks to ensure complete coverage.
- 2. First, spread the borders of your lawn and header strips for turning around. Then apply this product to the center with straight line passes
- 3. Walk at a steady pace to ensure even coverage. Close the spreader opening when turning to change directions or when stopping.

**CALIBRATION INSTRUCTIONS AND SPREADER SETTINGS:**

Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended rate under actual application conditions.

To provide proper distribution, calibrate spreader before application.

- For 2.5 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 400 square feet and adjust to apply at the rate of 1 pound of product per 400 square feet.
- For 2.75 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 360 square feet and adjust to apply at the rate of 1 pound of product per 360 square feet.
- For 3.0 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 330 square feet and adjust to apply at the rate of 1 pound of product per 330 square feet.





BROADLEAF WEEDS			
Burweed	Hoary cress	Rough cinquefoil	Wild mustard
Buttercup	Hoary plantain	Rough fleabane	Wild onion
Buttonweed	Hoary vervain	Russian pigweed	Wild parsnip
Canada thistle	Horsenettle	Russian thistle	Wild radish
Carolina geranium	Jimsonweed	Scarlet pimpernel	Wild rape
Carpetweed	Knawel	Scotch thistle	Wild strawberry
Catchweed bedstraw	Knotweed	Sheep sorrel	Wild sweet potato
Catnip	Kochia	Shepherdspurse	Wild vetch
Catsear	Lambsquarters	Slender plantain	Woodsorrel
Chickweed, common	Lespedeza	Smallflower galinsoga	Woolly croton
Chickweed, mouseear	Mallow	Smooth dock	Woolly morningglory
Chicory	Matchweed	Smooth pigweed	Woolly plantain
Cinquefoil	Mexicanweed	Sorrel	Wormseed
Clover, crimson	Milk vetch	Sowthistle	Yarrow
Clover, hop	Morningglory	Spanishneedles	Yellow rocket
Clover, red	Mouseear hawkweed	Speedwell	Yellowflower pepperweed
Clover, strawberry	Mugwort	Spiny amaranth	and other broadleaf weeds
Clover, sweet	Musk thistle		

**STORAGE AND DISPOSAL**  
 Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or [www.website.com](http://www.website.com) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**LIMITED WARRANTY AND DISCLAIMER**  
 FOR USE ONLY AS DIRECTED. THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.

**APPENDIX**

1. Statements which may appear on different label components depending on packaging configuration.
- See next panel for additional Precautionary Statements and First Aid
  - Net Weight \_\_\_\_\_
  - EPA Est. No. \_\_\_\_\_
  - [Redacted text]
  - FL 987

**2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:**

Herbicide Benefit Claims:

- Superior Broadleaf Weed Control in Cool Weather
- Controls Tough Broadleaf Weeds in Established Lawns
- More than XXX weeds controlled (see list on back of package)
- Kills Over (number) [Listed] Broadleaf Weeds [As Listed]
- Cool season broadleaf control – winter, fall
- Four component weed control provides control of most broadleaf weeds

Fertilizer Benefit Claims:

- Greens turf in autumn and accelerates spring recovery
- With Fertil Blend™

General Marketing Claims:

- [Bag] [Treats] [Covers] [Up To] [XXXX] Square Feet
- Provides effective control in temperature as high as 90F
- For information on our complete product line go to [www.dynagreeninfo.com](http://www.dynagreeninfo.com)
- Contains Surge®
- Surge® is a registered trademark of PBI/Gordon Corporation

Referrals to other products used sequentially:

[Note to Reviewer: the below text was moved from page 6]

- For best results, apply (brand name) products:
- Apply using the 4-Step Program
- **4-Step Program:**
  - STEP 1: Crabgrass Preventor - Apply March - early May - Prevents crabgrass, foxtail, goosegrass, poa annua and other annual weed grasses. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 2: Weed & Feed - Apply May - June - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 3: Lawn Food - Apply June - August - Nourishes your lawn throughout the summer months with extended feeding of Nitrogen. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
  - STEP 4: Winterizer & Weed Control - Apply late August - mid October - Kills dandelion, clover, plantain and over XXX other broadleaf weeds. - Maximizes root building. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening.
- OR
- STEP 4: Starter & Winterizer - Apply late August - November - Maximizes root building. - Nutralene feeds your turfgrass for up to 2 months with long lasting deep greening. - Use with new seeding and sodding of turfgrass.

[Note to reviewer: this section was moved to the front panel]

[REDACTED]	[REDACTED]

